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(54) Title: ANTI-LEWIS Y ANTI-IDIOTYPIC ANTIBODIES AND USES THEREOF

(57) Abstract: This invention provides anti-idiotype antibodies specific for Anti-Lewis Y monoclonal antibodies. The present invention also directed against an ELISA screening method of mAbs produced by hybridoma clones for specific binding to the variable regions of hu3S193 and the ability of the anti-idiotypic mAb to inhibit hu3S193 binding to Lewis Y antigen. Additionally, the present invention provides a hybridoma capable of producing an anti-idiotype antibody specific for anti-Lewis Y monoclonal antibody. A further aspect of the invention is to provide a hybridoma, which is specific for anti-Lewis Y monoclonal antibody selected from the group consisting of LMH-1, LMH-2, LMH-3, or LMH-4. The present invention is also directed against a method to detect HAMA, HACA and HAHA responses using the antibody of the invention.